



# भारत का राजपत्र

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No. 37]

NEW DELHI, SATURDAY, SEPTEMBER 11, 1965 (BHADRA 20, 1887)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

23rd August 1965

## Patents and Designs

Calcutta, the 11th September 1965

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

21st August 1965

101221. A. K. Shaikh. Improved burner for stoves.
101222. Ciba Limited. Process for the manufacture of new tertiary amines.
101223. Zjednoczenie Przemysłu Taboru Kolejowego. Method of starting a locomotive direct-drive diesel engine, and practical application thereof.
101224. Sandoz Ltd. Basic dyes, their production and use.
101225. Jennings Radio Manufacturing Corporation. Switch.
101226. Sankyo Company, Limited. Process for preparing  $\beta$ -substituted- $\Delta^5(10)$ -steroids. [Divisional date 16th April 1963].
101227. Farbwerke Hoechst Aktiengesellschaft Vormal Meister Lucius & Bruning. Benzenesulfonyl ureas. [Divisional date 6th April 1963].
101228. Rohm & Haas Company. Solid, thermoplastic, polymeric products.
101229. Dunlop Rubber Company Limited. Improvements relating to inflatable life-rafts and the like.
101230. Halcon International, Inc. Chemical process. [Addition to No. 80856].
101231. M. P. Tank. Improved spade with clamping device for handle
101232. T. L. Chudiwala, V. M. P. Dujodwala and R. M. P. Dujodwala. A process for production of synthetic dipentene from turpentine.

101233. D. N. Dastoor. Improvements in or relating to carding machines. [Addition to No. 84322].
101234. Schering Aktiengesellschaft. New steroid compounds and a process for their manufacture.
101235. Schering Aktiengesellschaft. Substituted benzimidazoles.
101236. M. V. Indulkar. Improvements in or relating to method of manufacturing the sheet metal table tops for canteen tables and the like.
101237. Phillips Petroleum Company. Production of polymers from a  $C_1$  to  $C_8$  hydrocarbon fraction.
101238. Phillips Petroleum Company. Hydrocarbon conversion.
101239. American Cyanamid Company. Methods for controlling micro-organisms.
101240. R. Fritzmeier. Spring suspension for seats. (2nd July 1965).
101241. R. Fritzmeier. Spring suspension for a seat. (2nd July 1965).
101242. Kurashiki Rayon Co., Ltd. Traverse unit for rayon spinning machine.
101243. Kurashiki Rayon Co., Ltd. Method of circulating and spinning viscose.
101244. Krauss-Maffei Aktiengesellschaft. Process for production of an edible material from fruit.
101245. Kennecott Copper Corporation. Improvements in or relating to process of making sheet metal.
101246. Tesla, narodni podnik. Improvements in and relating to multi-section internal packing of elongated fragile articles.
101247. Vyzkumny Ustav Matematickych Strojů. System for pictorial representation of a locus in three-dimensional space, in cabinet projection, from data for three coordinates.
101248. The International Synthetic Rubber Company Limited. Soil treatment process. (24th August 1964). [Addition to No. 91970].

101249. Allied Chemical Corporation. Lactone derivatives of organic thiophosphates. (23rd September 1964).
101250. The Rockwell-Standard Corporation. Power brake system.
101251. Aluminium Laboratories Limited. Improvements in or relating to apparatus for containing molten material in contact with a gaseous atmosphere.
101252. F. Hoffmann-La Roche & Co. Aktiengesellschaft.  $\gamma$ -picolyl derivatives and process for the manufacture thereof.
101253. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Vitamin preparation and process for the manufacture thereof.
101254. Rheinmetall G.m.b.H. Blank shell muzzle for machine guns and similar fire-arms with moving barrel.
101255. Rheinmetall G.m.b.H. Machine gun breach mechanism with roller pin.
101256. Koninklijke machinefabriek Gebr. Stork & Co. N. V. Sedimentation apparatus.
101257. David and David, Inc. Textured yarn and method and apparatus for producing such yarn.
101258. Ferodo Limited. Friction materials.
101259. The Lubrizol Corporation. A lubricating composition.
101260. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dispersing solids.
101261. Ciba Limited. Aqueous excipients.
101262. W. P. Telang. New process of self charging lead acid storage battery by chemical.
- 24th August 1965
101263. D. N. Hazra. Change in the design of laminated bearing springs of "BOX", "BRH" & "BOI" wagons.
101264. Gebr. Bohler & Co. Aktiengesellschaft. Improvements in or relating to processes and apparatus for producing a D. C. or A. C. electric arc plasma flame and for focussing said flame.
101265. M. A. Parthasarathy. A canopy for bicycles, scooters and motor-cycles.
101266. Veb Elektro-Apparate-Werke Berlin-Treptow. Brake magnet assembly for electricity meters.
101267. Vsesojuzny Nauchno-Issledovatel'sky I Proektny Institut Sinteticheskikh Zhirozamenitelei. Method of preparing surface-active derivatives of mono-esters of succinylsulphonic acid.
101268. Leningradsky Filial Gosudarstvennogo Issledovatel'skogo Elektrokemicheskogo Instituta. Valve-type lightning arrester.
101269. Institut Elektrosvariki im. E. O. Patona. Electrode for welding and building up of metals and their alloys.
101270. Ciba Limited. New process.
101271. The British Petroleum Company Limited. Lubricating compositions. (18th September 1964).
101272. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tetrahydroisoquinoline derivatives and process for the manufacture thereof. (22nd September 1964).
101273. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Heterocyclic compounds and process for the manufacture thereof.
101274. Sandoz Ltd. Process for the manufacture of azo dyestuffs.
101275. Nippon Carbide Kogyo Kabushiki Kaisha. Dry process dust collection method and equipment.
101276. Veb Elektroprojekt Berlin. Circuit arrangement for the protection of overhead conductors.
101277. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Pyrimidine derivatives and thiamine prepared therefrom. [Divisional date 10th September 1963].
101278. V. D. Kehr. Improvements in or relating to tube-well strainers.
101279. Ciba Limited. Process for the manufacture of new quinazolinone-(4) compounds.
101280. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to new 1-aminoadamantane derivatives.
101281. Rohm & Haas Company. Monomers with hydroxyl and quaternary ammonium functionality any polymers thereof.
101282. Rohm & Haas Company. Addition copolymers.
101283. Rohm & Haas Company. Semi-gloss architectural water paints.
101284. Shell Internationale Research Maatschappij N. V. Corrosion reduction.
101285. Shell Internationale Research Maatschappij N. V. Sulphur-containing phenylureas.
101286. Shell Internationale Research Maatschappij N. V. Method and diving apparatus for carrying out underwater operations.
101287. P. M. Chaubal. Improvements in or relating to pneumafil cleaners for textiles.
- 25th August 1965
101288. Owens-Corning Fibreglass Corporation. Fibrous glass yarn.
101289. Ideal Industries, Inc. Apparatus and method for conditioning textile material being drafted.
101290. M. A. J. Legrain and A. F. Legourd. Improvements relating to apparatus intended particularly for feeding animals.
101291. Ciba Limited. Process for the manufacture of new pyrimidine compounds.
101292. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.
101293. Palitex Project-Company G.m.b.H. An unwinding aid for double twist spindles.
101294. E. J. Longyear Company. Wire line core barrel improvements.
101295. Ciba Limited. Process for the manufacture and use of new 6-phenylbenzazoyl derivatives.
101296. M. S. Rosen. Knife with reciprocating blades.
101297. Edwin Danks & Co. (Oldbury) Ltd. Improvements in or relating to steam boilers. (25th August 1964).
101298. Armour and Company. Process for preparing secondary-alkyl primary amines from olefins and products thereof.
101299. Indian Oxygen Limited. Improvements in profile cutting machines. (28th August 1964).
101300. Indian Oxygen Limited. Heat exchange unit. (31st August 1964).
101301. International Business Machines Corporation. Improved method of epitaxially vapour depositing semiconductor material.
- 26th August 1965
101302. The Goodyear Tire & Rubber Company. Improvements in a method of making polyurethane and said polyurethane.
101303. Automatic Telephone & Electric Company Limited. Improvements in telephone systems. (2nd September 1964).
101304. Automotive Products Company Limited. Improvements in or relating to automatic adjusting means for liquid-pressure operated Brakes. (2nd September 1964).
101305. Esso Research and Engineering Company. Treating coal and other minerals.
101306. Multi Minerals Limited. Improvements relating to the manufacture of acids. (1st April 1965).
101307. Union Carbide Australia Limited. Improved thermoplastic resin compositions.
101308. Stauffer Chemical Company. New substituted alkyl sulfonamide phosphates and phosphonates and the use of such compounds in insecticidal compositions.

101309. G. D. Searle & Co. Androst/estr-4-en-17 $\beta$ -yloxytrialkylsilanes and related compounds.
101310. Escher Wyss G.m.b.H. Fine-spreading and retarding device for the pulp suspension stream in a paper-making machine.
101311. Hindustan Antibiotic Limited. Antiamoebin, a new antiprotozoal and anthelmintic antibiotic, and a method of producing the same.
101312. Hajtomu Es Felvonogyar. A process for measuring the flash point of liquids.
- 27th August 1965
101313. The Kuljian Corporation (India) Private Limited. Improvements in or relating to cooling or the like heat exchange systems.
101314. J. G. Macdonald. Improvements in hydrostatic transmission systems.
101315. Chas. Pfizer & Co., Inc. Detergent Composition.
101316. Chas. Pfizer & Co., Inc. Schiff bases. (5th March 1965).
101317. British Nylon Spinners Limited. Tufted fabrics and methods of making them. (8th September 1964).
101318. Dunlop Rubber Company Limited. Improvements in or relating to apparatus for the manufacture of pneumatic tyres. (8th September 1964).
101319. Howard Clayton-Wright Limited. New or improved reflective marker, sign, or the like. (4th September 1964).
101320. Glaverbel. Process and device for manufacturing sheet glass.
101321. Miles Laboratories, Inc. Composition and process.
101322. High Duty Alloys Limited. Improvements in or relating to aluminium alloys and articles made therefrom. (28th August 1964).
101323. Westland Aircraft Limited. Improvements in or relating to flexible components for air cushion vehicles. (28th August 1964).
101324. F. Hoffmann-La Roche & Co. Aktiengesellschaft. New pyrimidine compounds and compositions comprising them. [Divisional date 9th July 1962].
101325. Veb Elektrophjekt Berlin. D.C.-switch unit with isolating transportation truck.
101326. Sandoz Ltd. New dibenzocycloheptane derivatives. (18th October 1961). [Divisional date 17th October 1962].
101327. Deering Milliken Research Corporation. Process for modifying the characteristics of a structure containing keratin fibers.
101328. Ciba Limited. New bisazoles, process for their preparation and their use.
101329. Phytogen Products, Inc. Steroid ketals.
- 101330 N. V. Philips Gloeilampenfabrieken. Transducer for use with variable frequency magnetron.

#### Alteration of Date

91087. The claim to priority date 6th September, 1963, has been disallowed and the application dated as of 2nd December, 1963, the date of filing in India.
91148. The claim to priority date 10th December, 1962, has been disallowed and the application dated as of 4th December, 1963, the date of filing in India.
92349. The claim to priority date 4th December, 1963, has been disallowed and the application dated as of 19th February, 1964, the date of filing in India.
92457. The claim to priority date 4th March, 1965, has been abandoned and the application dated as of 25th February, 1964, the date of filing in India.
92458. The claim to priority date 4th March, 1963, has been abandoned and the application dated as of 25th February, 1964, the date of filing in India.

99795. Ante-dated to 27th November 1963 under Section 5 of the Act.
99798. Ante-dated to 18th December 1963 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

88083. Pittsburgh Plate Glass Company. Preparation of chlorinated hydrocarbons. Accepted on 23rd August 1965.

*By contacting the material to be chlorinated oxygen and as chlorinating agent HCl or Cl<sub>2</sub> or mixtures thereof in a fluidised bed of metal halide catalyst particles.*

88128. Badische Aniline- & Soda-Fabrik Aktiengesellschaft. Production of derivatives of omega-hydroxy tiglaldehyde. Accepted on 26th August 1965.

*Treating 2-formyl-2-hydroxy butene (3) or an acetal or acylate thereof with a halogenating agent like thionyl chloride in the presence of N-N-dialkyl substituted amide of a fatty acid or N-allyl substituted lactam.*

90894. Nippon Electric Company Limited. Semiconductor device. Accepted on 20th August 1965.

*Comprises a body of one type semi-conductor containing the other type regions, said other type region being provided with one electrical connection and diffused region covered by an insulator.*

90908. C. S. Raju. Dual-duty centrifugal pump. Accepted on 21st August 1965.

*Comprises a casing having two involute chambers each having a separate inlet and outlet, a shaft provided within the said casing, an impeller mounted on the said shaft and means for interconnecting selectively the said inlets and outlets respectively together in parallel or series as may be required for operating the two pumps constituted by each of the involute chambers and the respective impeller.*

90929. Dorr-Oliver Incorporated. Apparatus for separating particles according to size. Accepted on 21st August 1965.

*Comprises a screen, feed box, a parabolic weir with its top above feed end of the screen to provide a falling height equivalent to feed velocity of the material.*

90935. Socony Mobil Oil Company, Inc. Process for the catalyst conversion of hydrocarbons. Accepted on 23rd August 1965.

*Contacting with catalyst comprising porous matrix of inorganic oxide and crystalline aluminosilicate containing rare-earth cations 70°-1400°F and 10-3000 p.s.i. pressure.*

90936. Socony Mobil Oil Company, Inc. Catalytic conversion of hydrocarbons and compositions therefor. Accepted on 23rd August 1965.

*Comprising porous inorganic oxide matrix and crystalline aluminosilicate containing both cations of rare earth and other metals of groups IB to VIII of P.T.*

90961. P. B. Hudson. A microbicidal composition including an organo tin compound and process for preparing the same. Accepted on 26th August 1965.
- A process for producing a tri-n-butyltin carboxylate includes the steps of dissolving an organic carboxylic acid in bis (tri-n-butyltin) oxide and reacting the said acid and oxide. A microbicidal composition includes an organo tin compound and a buffering agent.*
90969. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to a primer. Accepted on 26th August 1965.
- A primer comprising a container, a body of priming composition within the container, a body of booster material within the container, said bodies in communication with each other for igniting the booster material in response to detonation of the priming composition.*
90974. Deering Milliken Research Corporation. Improvements in or relating to textile fibers. Accepted on 26th August 1965.
- Textile fibers are reacted with acrylonitrile in presence of a polymerising catalyst.*
90975. Deering Milliken Research Corporation. Improvements in or relating to textile fibers. Accepted on 26th August 1965.
- The fibers are reacted with at least two different ethylenically unsaturated compounds at least one of which has a glass transition temperature, in polymer form, less than about 40°C.*
90976. Deering Milliken Research Corporation. Improvements in or relating to keratin fibers. Accepted on 26th August 1965.
- Keratin fibers are reacted with at least one vinyl aromatic compound in combination with at least one ethylenically unsaturated compound having a glass transition temperature less than 40°C.*
90977. Deering Milliken Research Corporation. Improvements in or relating to textile fibers. Accepted on 26th August 1965.
- Textile fibers are reacted with ethylenically unsaturated compound and processed.*
90999. Rank Xerox Limited. Facsimile transmitting and receiving systems. Accepted on 23rd August 1965.
- Original document scanned by light spot form cathode ray tube, reflected light is translated into electrical picture signals by photo-multiplier tube, these signals transmitted to remote location and is translated into a facsimile or original document by applying signals into cathode ray tube in the optical system of xerographic reproducing machine.*
91087. Firma Hoffmann's Starkefabriken Aktiengesellschaft. Process for the production of polyamides having hydrophilic properties. Accepted on 24th August 1965.
- Reacting a diamine with a polyhydroxy dicarboxylic acid in an inert atmosphere at an elevated temperature.*
91148. Oronzio De Nora Impianti Elettrochimici. Water electrolysis process. Accepted on 23rd August 1965.
- The concentration of sodium or potassium hydroxide concentration is maintained above 40% by weight.*
91502. Koppers Company, Inc. Improvements in or relating to horizontal coke oven batteries and method of firing the same. Accepted on 26th August 1965.
- Providing means for ensuring the distribution of rated quantities of air and lean gas to high and low level ports in each flame flue of a heating wall.*
91503. Koppers Company, Inc. Regenerative horizontal coke oven batteries and method of under-firing the same. Accepted on 26th August 1965.
- High coking chambers, low burners and high burners in the flame flues comprising the heating walls, gas being alternatively burnt in the high and low burners during each burning period in the flame flues.*
91505. Shell Internationale Research Maatschappij N. V. A process for the preparation of aromatic nitriles. Accepted on 21st August 1965.
- Reacting an aromatic compound with a nitrogen oxide halide and/or with a mixture of a nitrogen oxide and a halogenating agent, in the presence of a tertiary amine.*
91506. Shell Internationale Research Maatschappij N. V. A process for the preparation of aromatic nitriles halogenated in the nucleus. Accepted on 21st August 1965.
- Reacting an aromatic compound whose nucleus contains as a substituent at least one nitrogroup with a halogenating agent, except nitrogen oxide halides, in the presence of a tertiary amine.*
91641. Steelsworth Limited. Tractor drawn implement. accepted on 21st August 1965.
- Wherein removable skids are fitted at the lower end of the casing.*
91649. H. Oetiker. Improvements in and relating to hose clips. Accepted on 24th August 1965.
- Comprising in the form of a close ring which can be tightened on the hose by drawing together earshaped recesses or like.*
92160. Shell Internationale Research Maatschappij N. V. A process for the extractive fractionation of hydrocarbon mixtures containing aromatics. Accepted on 7th August 1965.
- Employing a cyclic sulphone or sulfoxide as a selective extracting agent.*
92248. Shell Internationale Research Maatschappij N. V. A process for the separation of a liquid and/or gas mixtures with the aid of sulfolane. Accepted on 12th August 1965.
- Separation is carried out with technical sulfolane containing not more than 2% by weight of thermally unstable compounds and the sulfolane has one or more basically reacting substances added to it.*
92256. United States Steel Corporation. Apparatus for deflecting and guiding a descending slab or the like. Accepted on 13th August 1965.
- Pusher roll journaled at the end of a car mounted for movement of the pusher roll toward and beyond the vertical path of the casting and a fulcrum roll disposed above said pusher roll.*
92296. Dorr-Oliver Incorporated. Combination clarifier and storage tank. (21st February 1963). Accepted on 17th August 1965.
- Comprises tank means, sediment raking means a feed well, feed conduit means and means providing storage for clarified liquid.*
92304. Preformed Line Products Company. An apparatus for and method of assembling a multiple membered sub-set. Accepted on 17th August 1965.
- Includes feed means 21 having drive means for introducing helical members and receiving means seating each helical member in predetermined relationship.*
92320. P. C. L. Mistry. Improvements in or relating to pressure cooker. Accepted on 20th August 1965.
- Comprising an outer body consisting of two parts, the upper part with a top housing having pressure regulating device and the lower part having studs for fixing U-shaped fixing arm.*

92336. General Electric Company. Improvements in or relating to sodium vapor lamp. Accepted on 20th August 1965.

*Comprising an envelope of light-transmitting material resistant to the attack of sodium vapor at elevated temperatures, a pair of electrodes sealed thereon and an ionizable medium within envelope consisting of sodium as the principal source of radiant emission and developing a partial pressure of sodium vapor in the range of 30 to 1000 millimeters of mercury in operation of lamp.*

92347. Sulzer Brothers Limited. Improvements in and relating to elements for sound-absorbent coverings for the interior walls or ceilings of buildings. Accepted on 20th August 1965.

*The wall comprises a perforate member behind which is disposed a wool sheathed in sheet of plastics.*

92349. Compagnie Des Freins Et Signaux Westinghouse. Improvements in or relating to a railway signalling safety arrangement. Accepted on 20th August 1965.

*Comprises a passage detector, a first counting element, a second counting element and a comparison element connected to the two counting elements.*

92355. Ripper Robots Limited. Improvements in aircraft with means for spraying crops and the like. (21st February 1963). Accepted on 20th August 1965.

*Includes means to transmit to the actuator-adjusting mechanism an output signals (s) representative of actuator extension error, and thereby cause the actuator(s) to be adjusted so as to nullify such error.*

92368. Agritec S. A., Coira. Machine for cracking open the shell of the 'anacardium occidentale' or cashew nut and for separating the kernel from the shell. Accepted on 20th August 1965.

*Comprising an elevator with buckets by which cashew nuts are lifted to a high position from which they can start their travel through the machine by gravity for subsequent processing.*

92373. Onoda Cement Company, Limited. A method for the preparation of cement. Accepted on 21st August 1965.

*Comprises calcium oxide and calcium carbonate in the ratio by weight above 45.4:54.6, comprising said raw cement mixture as a powder into molded articles and calcined.*

92375. Onoda Cement Company, Limited. Device for distributing liquid. Accepted on 21st August 1965.

*Comprising a single main supply duct, a plurality of distribution pipes, a communication passage and means for maintaining the flows liquid at a fixed temperature.*

92386. Rhone-Poulenc S. A. Process for the preparation of new organosilicon compounds and compositions containing the same. Accepted on 21st August 1965.

*Methyl trichlorosilane is reacted with diethylhydroxylamine in presence of triethylamine.*

92387. Sonic Development Corporation of America. Apparatus for atomizing fluent materials and burners including the same. [Addition to No. 90875]. Accepted on 21st August 1965.

*An apparatus for atomizing a fluent material in a gaseous ambient medium comprises means for producing and issuing into said ambient medium a high speed gas stream and creating an inrush of ambient gas from said medium into said region of said stream.*

92397. Sperry Rand Corporation. Improvements relating to formation of electrical connection between discretely formed flat electrical conduc-

tors and the conductors so formed. Accepted on 23rd August 1965.

*By forming a bore by means of chemical etching techniques so as to penetrate said superposed portions of the electrical conductors and insulation material.*

92412. The British Oxygen Company Limited. Process for the low temperature separation of air. (28th February 1963). [Addition to No. 76097]. Accepted on 24th August 1965.

*Two high pressure air streams cooled in the first exchange stage respectively by a nitrogen and by an oxygen fraction are combined and expanded to a pressure intermediate the initial pressure and the rectification pressure, the expanded air stream being then passed through one of a pair of alternating adsorbers and then redivided to two streams for further cooling on a second stage.*

92415. Rheinbau G.m.b.H. Improvements in or relating to lattice girders for ceiling buildings or the like. Accepted on 24th August 1965.

*Characterised in that the bowed members forming the lattice work diagonals are of asymmetrical disposition in the lower boom plane, being provided with a lateral extension and that said bowed members are arranged in alternately offset manner.*

92422. Standard Telephones and Cables Limited. Amplifier. Accepted on 24th August 1965.

*Comprises an input, an output, a transducer coupled to said input, first means coupled to said output and second means included in said first means.*

92424. Teijin Limited Method of producing viscose rayon fibre and staple and a spinning apparatus for use in the method. Accepted on 24th August 1965.

*Extruding viscose with 4-7% weight of cellulose, and 3-6% weight of sodium hydroxide through spinneret with 10,000 orifices into spinning bath containing 30 g/l of sulphuric acid, 0.1 g/l of zinc sulfate, 80 g/l of sodium sulfate at 30°C and subjecting filament formed to stretch of 150-350%.*

92427. Pilkington Brothers Limited. Improvements in or relating to edge rolls for use in the manufacture of flat glass in ribbon form. (25th February 1963). Accepted on 23rd August 1965.

*Having a barrel of heat resistant metal to project through the side of the bath and carrying at one end a ferrule of high melting point material.*

92436. The Bahcock & Wilcox Company. Method of and apparatus for the removal of dust or fume by liquid scrubbing. Accepted on 23rd August 1965.

*In a method of or the removal of dust or fume from hot gases by liquid scrubbing the steps comprises of at alternating gases to pass through a gas liquid contact zone, introducing a liquor spray at super atmospheric pressure into said accelerating hot gases, passing said gases through a separating zone to clean the gases, discharging the cleaned gases from said separating zone, collecting the liquor and solids separated from the gases in said separating zone.*

92438. Algemene Kunstzijde Unie N. V. An adjustable frequency converter system for polyphase networks. Accepted on 25th August 1965.

*Input frequency is applied to the armature of a rotary frequency converter, the input by means of slip rings and output by means of commutator.*

92448. Refrigeration & Appliances Company Private Limited. Non-return valve combined with the union. Accepted on 25th August 1965.

*A first pipe connecting unit and a second pipe connecting unit both held together by a connector unit.*

92451. Polymer Corporation Limited. Treatment of rubbery polymers. (8th March 1963). Accepted on 23rd August 1965.  
*Treating unmodified polymer with a Lewis Acid at a temperature below 70°C.*
92452. Amp Incorporated. Improvements in or relating to electrical connectors and to method of and apparatus for forming electrical connections. (4th March 1963). [Addition to No. 86122]. Accepted on 24th August 1965.  
*Connector consists of a rectangular cross section having opposed edge walls and at one side a web joining the edge walls and at the other side sidewall portions spaced by an opening.*
92456. United States Steel Corporation. Starter-bar head with make-and-break joint. Accepted on 25th August 1965.  
*One end of the head of the starter bar is provided with a releasable means for forming a junction with a casting poured thereon while its other end is connected to the remainder of the starter bar.*
92457. Imperial Chemical Industries Limited. Fibrous non-woven sheet materials and the production thereof. Accepted on 25th August 1965.  
*Subjecting a batt comprising at least 20% and less than 50% by weight of shrinkable synthetic organic fibres to a shrinkage treatment.*
92458. Imperial Chemical Industries Limited. Fibrous non-woven sheet materials and the production thereof. Accepted on 25th August 1965.  
*Subjecting a batt comprising 50% to 100% by weight of shrinkable synthetic organic fibres to a shrinkage treatment.*
92459. Mitsubishi Shipbuilding & Engineering Co., Ltd. Apparatus for preventing a bank of tubes placed in a gas passage containing dust from wear and damage. Accepted on 25th August 1965.  
*That a plurality of rigid projections obstructing in a gap formed between the walls of gas passage and tube parts.*
92460. Allied Chemical Corporation. Process for the production of new metallized mono-azo dyestuffs; dyestuffs so produced, process for dyeing poly- $\alpha$ -olefins using them and poly- $\alpha$ -olefins so dyed. Accepted on 26th August 1965.  
*Diazotized 8-aminoquinoline is coupled under alkaline conditions with 1, 3-diketone.*
92469. Societe Generale Du Vide. Apparatus for drying sheet like articles, e.g. hides and skins. Accepted on 26th August 1965.  
*Heating means with a downwardly directed flat heating surface, perforated supporting means, a deformable member, means for applying suction and means for discharging effluent fluids.*
92474. Volkart Brothers. Improvements in or relating to the manufacture of coconut husk fibres. [Addition to No. 86394]. Accepted on 26th August 1965.  
*The defibering machine is made as a totally enclosed cylindrical sheet in two halves comprising a bottom shell having a hopper and a top shell having an opening.*
92478. Mount Hope Machinery Limited. Weft straightening apparatus. (11th November 1963). Accepted on 26th August 1965.  
*Comprising weft straightening means, a rotatable tensioning roll, braking means characterized by the provision of web feeding means in direction of web movement from said straightening means.*
92499. W. L. Sherwood. Process and apparatus for the continuous production of liquid ferrous metals. (4th December 1963). Accepted on 23rd August 1965.  
*Introducing charge materials, advancing it through gas-solid zone, removing from it fine-sized materials, continually advancing the retained charge mixture, continually introducing two liquid phases, discharging liquid ferrous metal and slag.*
92508. Shell Internationale Research Maatschappij N. V. Insecticidal composition containing dimethyl 1-methyl-2-(methyl carbamoyl) vinyl phosphate. Accepted on 21st August 1965.  
*Insecticidal composition containing as active ingredient dimethyl 1-methyl-2-(methyl carbamoyl) vinyl phosphate together with a solid or liquid carrier and/or a surface active agent, or a compressed gas.*
92529. International Business Machines Corporation. Apparatus for inter-connecting a data processing system and telecommunication system network. Accepted on 23rd August 1965.  
*Including line selecting means to select a line to establish a path from data processing system through selected line to telecommunication network and from the latter to a remote station.*
92531. Sperry Rand Corporation. Data handling apparatus. Accepted on 23rd August 1965.  
*Characterized by a selectively settable dual mode control responsive to a signal from an external device connected to an odd numbered channel for transferring the data appearing on both odd numbered channel and the next lower even numbered channel.*
92576. The Gas Council. Process for the production of gases containing methane from hydrocarbons. Accepted on 27th August 1965.  
*Passing hydrocarbon and steam mixture at 350°C through bed of particulate nickel-alumina catalyst with velocity of 0.3 foot per second.*
92581. Societa Industrielle des Materiaux Blancs Simab. A microporous chalk mortar composition. Accepted on 23rd August 1965.  
*Consisting of a chalk, comminuted and bonded with a hydraulic binder.*
92584. Allis-Chalmers Manufacturing Company. Improved method of conditioning iron oxide ore for magnetic concentration. Accepted on 23rd August 1965.  
*Comprising the steps of (a) roasting ground ore at 600 to 900°C in reducing atmosphere, (b) quenching the ore in inert atmosphere, (c) re-roasting the ore until it is converted to magnetite.*
92587. Halcon International, Inc. Process for the preparation of maleic anhydride. Accepted on 24th August 1965.  
*Improvement comprises, in the manufacture of maleic anhydride by catalytic vapor phase oxide, recycling a portion of the product gas to the reactor, the condensation temperature in the step of separating maleic anhydride being above the melting point of the anhydride and above the dew point of water and the residence time in the latter step being not over 2 seconds.*
92603. Imperial Chemical Industries Limited. Apparatus for the reduction of organic compounds. (8th March 1963). Accepted on 26th August 1965.  
*Comprises an electrolytic cell in which the cathode has as essential parts a layer of mercury supported by a membrane; the cathode being interposed between (a) an aqueous solution of an alkali or alkaline earth metal hydroxide or salt containing the anode and (b) the reaction medium in which the reduction is performed.*

92608. Office National Industriel De L'Azote. Apparatus and process for the manufacture of chlorine derivatives of cyanuric acid. Accepted on 25th August 1965.
- Characterised by the provision of a zone for feeding, means for regulating the quantity and temperature of the solution being fed into the zone, a chlorinating zone, means for regulating the quantity of chlorine and a filtration zone.*
92615. Indian Oxygen Limited. Improvements in or relating to bearings. (6th March 1963). Accepted on 23rd August 1965.
- Each journal surface is provided with inlet orifice for injection of gas under pressure into space between journal surface and shaft.*
92620. Pullman Incorporated. Catalyst for halogenation of hydrocarbon. Accepted on 23rd August 1965.
- A halogenation catalyst composition comprises an aqueous solution of cupric halide, cuprous halide and ash solubilizing agent a lithium, sodium, potassium, rubidium, cesium, beryllium, magnesium, calcium, strontium, barium or ammonium halide or a mixture thereof.*
92655. Algemene Kunstzijde Unie N. V. Apparatus for the winding of roller-driven cross-wound bobbins. Accepted on 23rd August 1965.
- Comprises a bobbin driving roller and a grooved traverse drum driven by a pulley driven from said driving roller through friction with one of its end surfaces.*
92673. Associated Electrical Industries Limited. Improved circuit arrangement for the control of main and auxiliary motors such as used for gantry type cranes. Accepted on 21st August 1965.
- Controller operates to connect at one or more starting notches the first set of bare conductors to an a.c. power supply to cause drive by the auxiliary motor, while open circuiting the secondary windings, and at a following notch causes completion of circuit portion and energises the principal relay, thereby disconnects the auxiliary motor.*
92674. Ciba Limited. Container for medicaments. Accepted on 23rd August 1965.
- The contents disposed on a disc in concentric circles in a container provided with a marked dial and the contents can be removed through an aperture by applying pressure to a compartment.*
92700. Imperial Chemical Industries Limited. Coating compositions. (15th March 1963). Accepted on 25th August 1965.
- A coating composition is based on substantially non-flocculated film-forming polymer particles stably dispersed in an organic liquid in which the polymer is insoluble.*
92707. V D O Tachometer Werke Adolf Schindling GmbH. Electric revolution counter. Accepted on 26th August 1965.
- Includes two switch-over contacts, one connected to the counting device, the other to the impulse maker, wherein the driving motor of the counter is alternately reversible to two different connection lines.*
92793. Aktiebolaget Svenska Flaktfabriken. An improvement in apparatus for drying or conditioning a web-like material. Accepted on 23rd August 1965.
- Characterised in that one or more of distributing boxes are provided with damper means to partially shut of the medium flow through perforations.*
92851. W. R. Grace & Co. Process for the separation of propylene diluent from polypropylene. Accepted on 24th August 1965.
- Comprises the feeding of the suspension of polypropylene to a recovery zone maintained at atmospheric pressure and the propylene diluent is flashed from the solid particles of polypropylene and recovering the thus treated polypropylene.*
92889. Scottish Agricultural Industries Limited. Process for the manufacture of solid compositions comprising ammonium phosphates. (22nd March 1963). Accepted on 26th August 1965.
- To the solid particles separated from the bed consisting of ammonium phosphate phosphoric acid is added and allowed to return to the bed where ammonia is added.*
92995. K. Nimtz. Balloon limiter for yarn-ballooning spindles such as double twist spindles. Accepted on 26th August 1965.
- Comprises a polygonal prismatic surface with edges extending parallel to the axis of the limiter.*
93005. Sperry Rand Corporation. Fluid device. Accepted on 23rd August 1965.
- Characterized in that the fluid inlet is located substantially in the centre of the chamber and has an orifice directed substantially to an opening of the chamber.*
93043. G. F. Hammond. Improvements relating to ploughshares. Accepted on 26th August 1965.
- The tip head is supported by the share body and channel section member both above and below and on lateral sides of the tongue in operative position of plough share.*
93124. The Manet Industries (Proprietary) Limited. Fluid flow control valve. Accepted on 23rd August 1965.
- A valve body having a bore which is round cylindrical at one end and which diverges outwardly at the other end and having a circular valve seat bore and a valve closure member.*
93540. Shell Internationale Research Maatschappij N. V. Rubbery composition. Accepted on 24th August 1965.
- Comprising a conjugated diene elastomer and block copolymer of a conjugated diene elastomer and a nonelastomeric polymer of an alkenyl aromatic hydrocarbon.*
93667. Sourendramohan Sinha. Improvements in or relating to the rod ball joints for automobiles. Accepted on 24th August 1965.
- Consists of a lever threaded at one end and spherical at the other end, a cup with a curved opening at its bottom, a seat, a flanged cap and a helical spring between the cap and the seat and a threaded stud on the cap.*
99778. Shell Internationale Research Maatschappij N. V. Process for the preparation of novel dimethyl 2-chloro-1-(dihalophenyl) vinyl phosphates. [Divisional date 18th December 1963]. Accepted on 23rd August 1965.
- Which comprises reacting trimethyl phosphite with 2, 2', 4'-tetrachloro acetophenone, 2, 2', 4'-trichloro-2' bromo acetophenone or 2, 2', 5'-tetrachloro acetophenone.*
99795. Imperial Chemical Industries Limited. Fabrics. [Divisional date 27th November 1963]. Accepted on 24th August 1965.
- A process for imparting stretch characteristics in one direction to a woven fabric comprises heat setting the fabric at a temperature of at least 30°C above the glass transition temperature, stretching the fabric in one direction and allowing the fabric to relax in the other direction and heating the fabric.*

#### Patents Sealed

88228.	88247.	88386.	88580.	88632.	88654.	88655.
88656.	88660.	88666.	88673.	88712.	88725.	88729.
88752.	88760.	88767.	88768.	88775.	88778.	88779.
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89238. 89253. 89370. 89452. 89532. 89554. 89559.  
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 90655. 90711. 90757. 90763. 90815. 90856. 91021.  
 91081. 91124. 91525. 95486.

### Appeal Proceedings

(Section 9)

An appeal has been filed by Council of Scientific and Industrial Research, against the decision of the Jt. Controller of Patents and Designs on an opposition to the grant of a patent on application No. 64716.

### Amendment Proceedings

The amendment proposed by Metalsalts Corporation in respect of Patent Application No. 85952 as advertised in the Gazette of India, Part III, Section 2, dated the 1st May 1965, has been allowed.

### Renewal Fees Paid

43853. 45586. 45685. 45697. 45803. 45804. 45810.  
 45860. 46057. 46240. 47738. 47892. 47952. 47953.  
 48017. 48072. 48129. 48235. 48267. 48281. 49779.  
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 84255. 87532.

### Cessation of Patents

42613. 44477. 44507. 44532. 48492. 48822. 48844.  
 51131. 51142. 53584. 53612. 53669. 63679. 54002.  
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 75106. 75107. 75108. 75109. 75112. 75116. 75118.  
 75119. 75127. 75145. 80308. 80329. 80366. 80429.  
 80494. 80500.

### Restoration Proceedings

An order has been made on the 22nd July 1965, restoring the Patent No. 49296 dated as of the 1st April 1953, granted to Engineer-in-Chief, Lighthouse Department, Ministry of Transport, Govt. of India, for "a flasher of Lighthouse lamps or electrically operated sound signals".

### Registration of Designs

The following designs have been registered. They are not open of inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 123133. Raja Toys Co., (An Indian partnership concern), 33, Deputy Ganj, Sadar Bazar, Delhi, "Toys", August 22, 1964.

Class 1. Nos. 124796 and 124797. Morphy-Richards (Cray) Limited, a British Company, St. Mary Cray, Kent, England, "An electric iron", September 3, 1964 (United Kingdom).

Class 1. No. 124814. Siya Ram Kumar Engineering Works Private Limited, 20B, Nazafgarh Road, New Delhi-15 (a company incorporated under the Indian Companies Act), "Couplings", February 15, 1965.

Class 1. No. 125409. Raja Toys Co., (An Indian Partnership Concern), 33-Deputy Ganj, Sadar Bazar, Delhi, "Toy", April 24, 1965.

Class 13. No. 124697. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 1, 1965.

Class 13. Nos. 125514 to 125516. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", April 28, 1965.

Class 13. Nos. 125699 to 125707. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay-12, Nationality-Indian Business concern (Private limited company), "Textile goods including silks and art-silk piece goods", May 19, 1965.

A. JOGARAO

Controller General of Patents, Designs and Trade Marks